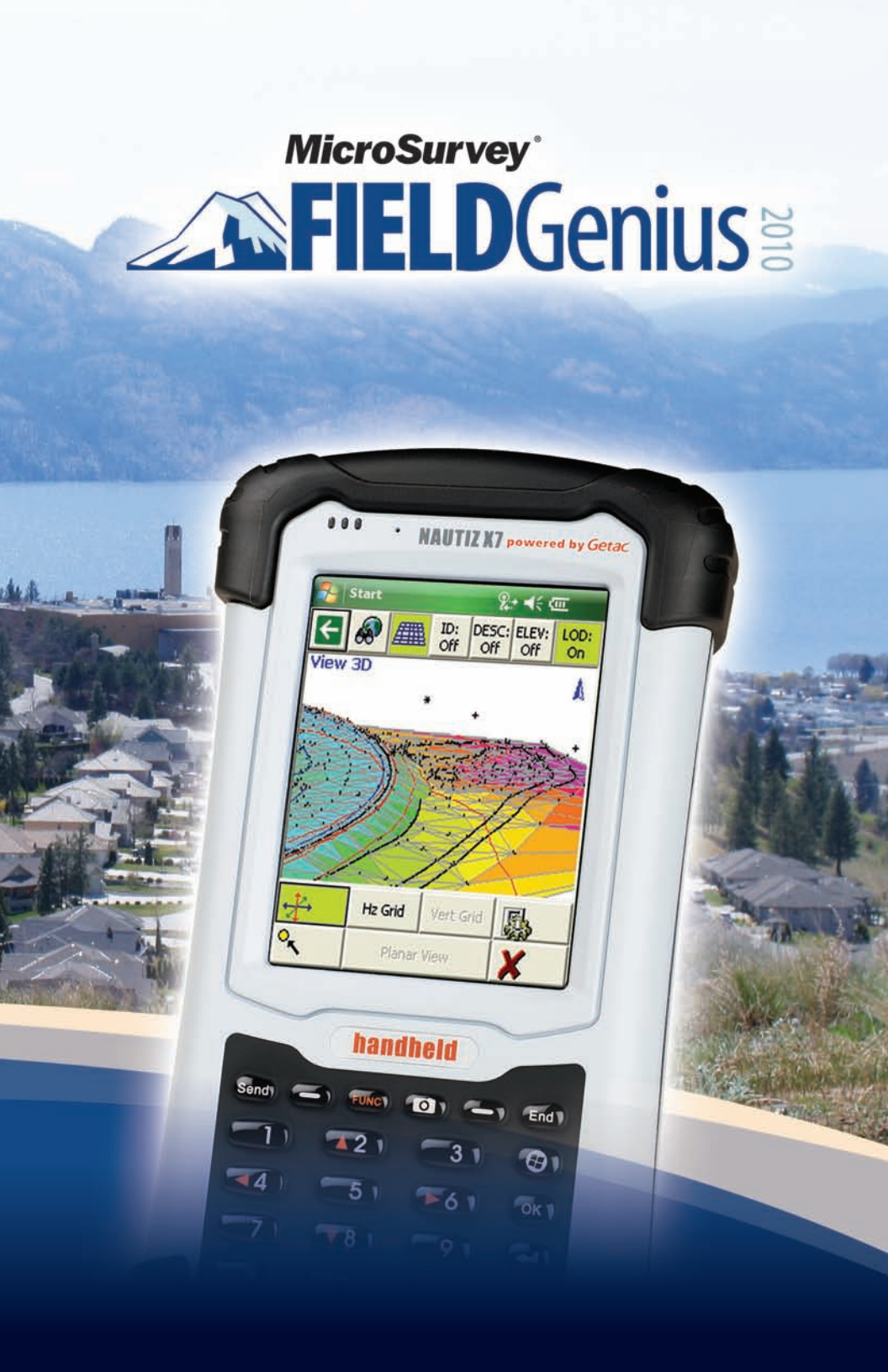
MicroSurvey®

FIELDGenius 2010



Introduction

Thank you for your interest in FieldGenius – raising the bar yet again as the most productive and easy-to-use data collection software solution ever!

If you are new to FieldGenius you will be impressed by its graphic user interface, one-screen graphical stakeouts, an easily deciphered raw file that you can edit, powerful COGO tools, DXF file support (read, coordinate and write), streamlined connection to your instrument or computer, multi-point resections, roading, training movies, and the easiest most powerful linework tools in the industry.

If you are an existing FieldGenius user, you will find many new enhancements in our latest version. There is more power and flexibility in the linework, new customizable screen buttons, customizable keyboard shortcuts, streamlined entry and selection of descriptions and much more!

FieldGenius supports all common RTK GPS and generic NMEA receivers as well as all standard and robotic total stations. With direct support for LandXML, you can stake to DTM surfaces or cross sections from your designed alignment. Real time surface generation allows you to compute volumes instantly.

Visit www.microsurvey.com to download a free 10 point demo version of FieldGenius. You can also download an emulator version to run on your desktop PC. To help you get up and running more quickly, the website has training movies posted for you to review as well. They are one of the most valuable resources in the program and will significantly reduce the learning curve. If you require more assistant with FieldGenius, one of technical sales staff would be happy to give you a live online demonstration of how FieldGenius works.

During your evaluation of FieldGenius should you have any questions, please call us toll free at **1-800-668-3312** and we will be pleased to assist you. We look forward to working with you and providing you with an effective business solution.

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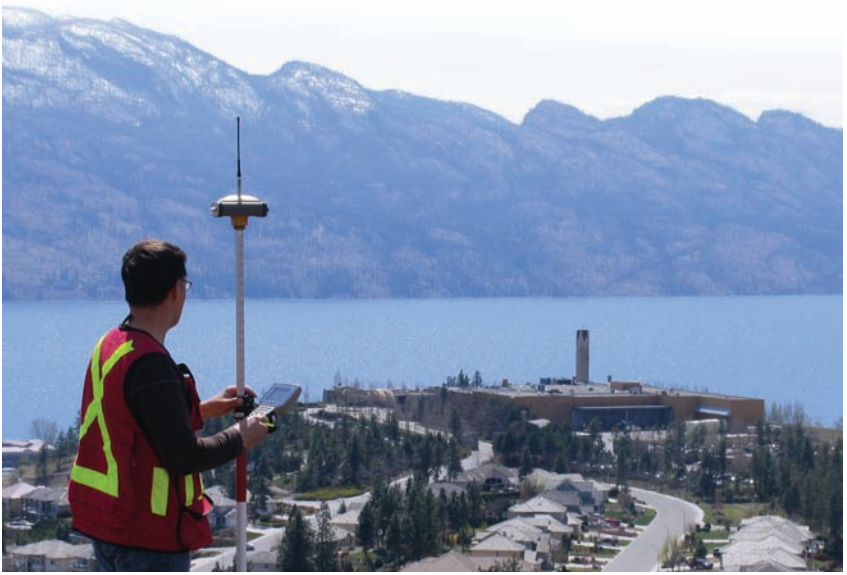
FieldGenius Features

FieldGenius Has Evolved Into the Most Powerful and Productive Data Collection Software in the World.

What sets FieldGenius apart from the competition?

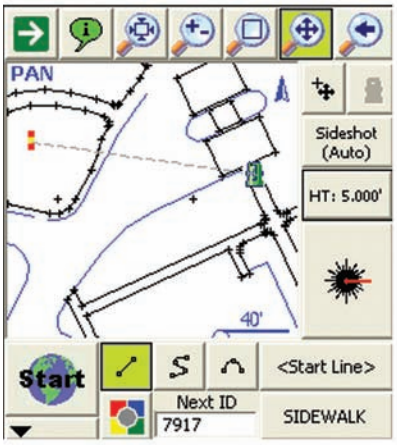
- **Code** Free Linework: Linework is created automatically without entering codes and is instantly displayed, eliminating the need for a separate sketch. No need to connect the dots back at the office.
- **Advanced** display with Live Graphics and intuitive interface: FieldGenius is laid out with logical icons, customizable toolbars, smart objects and easy to use GPS and total station controls.
- **Productivity** tasks: Customize your data collector by assigning commands to your keypad keys.
- **Calculating** tools: Access the built in RPN calculator from any edit field.
- **Plus** Advanced Roading, Surfacing, Slope Staking, Smart Points, DXF & LandXML import/ export and full Robotic and GPS support. FieldGenius is the choice of organizations that value productivity.

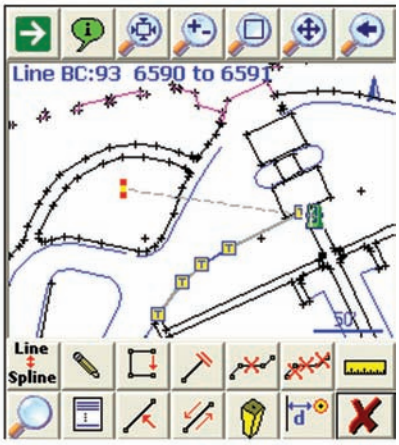


FieldGenius Features

Linework the FieldGenius Way!

MicroSurvey has developed the most simple linework connectivity in the industry. Absolutely NO CODING is required to generate your linework in the field in real time. Other data collection systems force you to predefine codes for generating linework. MicroSurvey has made real time linework as simple as connecting the dots.





FieldGenius linework is easier than any other data collection software:

- You can connect points that have different descriptions.
- Linework can consist of straight segments, arcs, and splines.
- Linework is ALL in 3D including Arcs and splines.
- You can have more than one line with the same description; FieldGenius is smart enough to know which line to work on.
- Multiple lines can connect to the same point.
- Missing segments can be drawn using the Pencil tool any time you need to add more info.
- A bad line can be removed instantly by tapping it and selecting "Delete Segment".

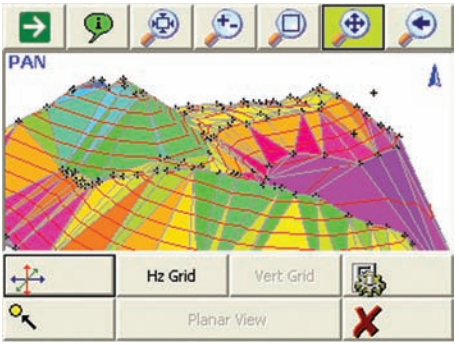
Sound simple? It is. You'll find FieldGenius is the easiest system to generate the most accurate drawing from shots in the field.

FieldGenius Features

FieldGenius Includes More Advanced Features Than Any Other Data Collection System:

Digital Terrain Modeling, Volumes and Contouring

- FieldGenius has the ability to create and utilize DTM surfaces from existing survey data or create a DTM in real time as the data is collected. The TIN and contours will automatically update as each new shot is taken.

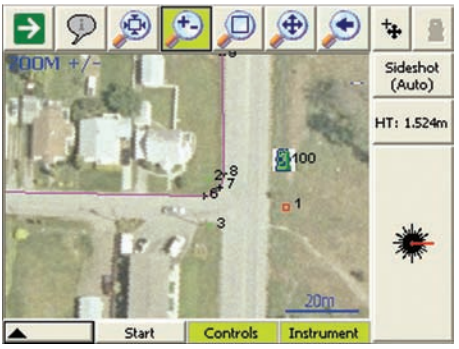


Powerful Roading

- FieldGenius roading allows you to manually input or import your alignment data including centerline, vertical and template data. Powerful alignment staking tools help you stake your points along your alignment with confidence.

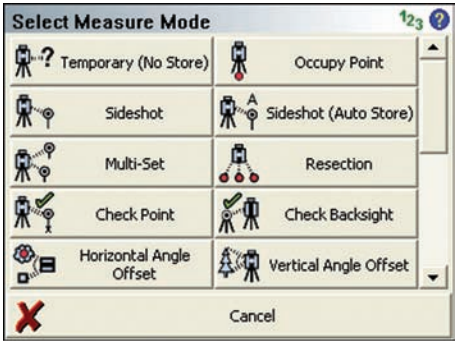
Georeferenced Images

- Use georeferenced images and maps in the background for visual reference of your Survey work.



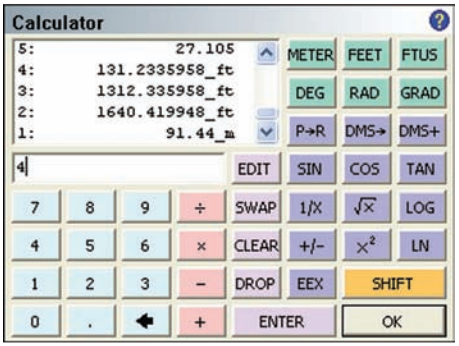
FieldGenius Features

Work Faster and More Efficient in the Field with These Productivity Enhancements:



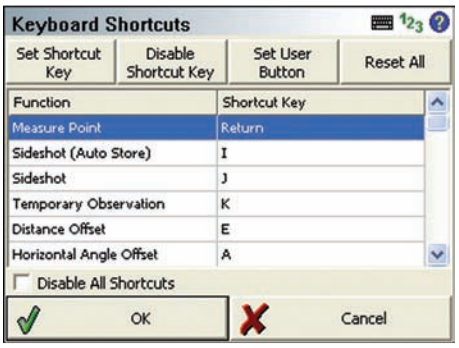
Instrument Control at your Finger Tips

- Total Station and GPS functions are available on a common and easy to use instrument toolbar. Access measure modes with the click of a button.



Powerful RPN Calculator

- FieldGenius includes an easy to use and intuitive RPN calculator. Quick access to the calculator from any edit field makes Survey Calculations and Routines a breeze.



User Definable Shortcuts

- Increase your productivity by assigning frequently used commands to keys on your data collector.

FieldGenius Features

FieldGenius Features by Module:

FieldGenius Standard Features

- Modern Windows Interface with Smart Menus, Smart Objects and Incredible Graphics
- The Drawing is Primary to the Interface
- Real-Time Drawing Generation with Automatic Linework
- Built in COGO - Intersections, Inversing and Traversing
- Enter, Edit and Stake Points
- One Button Project Manager
- DXF Import for Background Project View
- DXF Coordination of lines, arcs, polylines, points...
- FBK Export for Easy Autodesk LDD Import of Raw Data, Points and Linework
- ASCII Import/ Export
- Automatic Traversing (1 Set, 2 Set, n Sets)
- Traverse Closure Calculations
- Raw Data Editing
- Traverse Re-Coordination in the Collector
- Closure Calculations
- Angular Adjustment, Compass Balance
- Extensive Total Station Support
- Support for Multiple Hardware Platforms
- One Button File Transfer to Desktop Systems
- 3D Data View with Dynamic Zoom, Pan and Scroll
- Support for built-in GPS on Nautiz X7

Advanced Features

(Requires Advanced Module)

- LandXML Project Explorer
- Surface Modeling in Real Time
- LandXML Alignment, Cross Section and Zone Staking
- Fixed Area Calculations
- Volume Calculations
- Stake to DTM
- Contouring in Real Time
- GIS Attribute Collection
- 3D Alignment, Cross Section and Template View
- Shaded, Rendered View of Surface Data

Robotics Features

(Requires Robotics Module)

- Automatic "Turn to Point" Features
- Navigate to Stake Point
- Advanced Robotic Control Tools
- Wireless Radio and Bluetooth Support
- Automatic Prism Tracking
- Assign Robotic Functions to Keypad Keys
- Real-time Tracking Icon in Map View
- Support for Trimble, Geodimeter, Topcon, Leica and Sokkia
- RC2/ RC3 (Topcon Support)

RTK GPS Features

(Requires GPS Module)

- Full RTK GPS support
- Profiles for Multiple Receivers - Makes Setup Easy
- Full RTK Support with Tracking Icon in Map View
- Automatic Geodetic Transformations from WGS84 to Local Coordinate Systems
- Dynamic GPS Toolbar - HDOP, VDOP, PDOP and Satellites
- Heads Up Display shows Lat/Long or Grid Coordinates
- Local Transformation (Helmert)
- Horizontal/ Vertical Adjustment
- Statistical Analysis with Residuals and RMS
- Works with Leica, Trimble, Topcon/ Javad, Ashtech/ Thales, Sokkia, Novatel and NEMA

*For a Detailed List of all Functions
Please Visit **www.microsurvey.com**

Windows Vista

Windows Mobile

Microsoft CERTIFIED Partner

Field Hardware Support

FieldGenius Works on More Hardware Models Than the Competition!

Data Collector Support:

- **Nautiz X7** by Handheld, Juniper Systems Archer and Allegro Field PCs, TDS Nomad/ Ranger/ Recon, Trimble TSCE/ TSC2, Topcon FC-100/ FC-1000/ FC-2000, Compaq/ HP iPAQ Series and the Leica RX1250!
- **Works** on Windows Mobile 5 and 6 devices.

Conventional/ Robotic Total Station and RTK GPS Systems Support:

- **FieldGenius** supports virtually all conventional total stations dating back to the early 90s. FieldGenius has built-in support for all major manufacturers' robotic total stations and RTK grade GPS systems as well. MicroSurvey's robotic and GPS support has the most intuitive interface in the industry. All robotic and GPS settings and functions are easily accessible from a control toolbar. We are continually developing FieldGenius to support the newest and most advanced hardware on the market as it becomes available.
- **For** a complete list of devices supported please contact MicroSurvey at 1-800-668-3312.

Data Collection Hardware

MicroSurvey Sells the Industries Most Powerful, Rugged and Reliable Data Collectors.

Nautiz X7 by Handheld Features:

- **The** Nautiz X7 exemplifies the evolution of handheld computers. It has built-in GPS, 3 MP Camera with flash, Altimeter, Electronic Compass, Bluetooth, WiFi, and a GSM SIM card slot for Data and Mobile Phone. It meets IP67 standards and has a 806 MHz CPU and a 640x480 display.

Archer by Juniper Systems Features:

- **The** Archer is rugged, powerful and versatile to handle your most demanding needs. It meets IP67 and Mil-Std-810F standards for drop, vibration, immersion, humidity and operating temperatures. Operates for more than 20 hours on a single charge and has excellent visibility in all lighting conditions.

Allegro MX by Juniper Systems Features:

- **The** Ultra-Rugged Allegro MX Field PC is built to perform in the most demanding outdoor or industrial environments. It meets IP67 and Mil-Std-810F standards, has a full featured keypad and a clear color screen that is highly visible in direct sunlight.

OfficeSync

In today's competitive markets you can't afford to waste the billable time of your field crews.

Wasted time eats at your profit and in turn, your bottom line. OfficeSync® will maximize the time of your field crews by enabling them to send field data directly to the office without leaving the job site. It also allows the office to send stakeout jobs, or any other files, directly to their field crews with the click of a button. Coordinates are uploaded directly into your field project instantly. It doesn't matter what software you use, OfficeSync® is compatible with all TDS, Trimble, Topcon, Carlson and MicroSurvey products. Discover how Survey Teams are using the simplicity, accuracy and speed of OfficeSync® to make life a whole lot easier and profitable. Become more efficient with your data and file transfers today!

OfficeSync® is comprised of three software applications:

- Field Connect comes pre-installed on the Nautiz X7 with GSM capabilities, or can be installed on any data collector.
- Office Manager is installed on your project manager's or administrator's PC.
- Job Monitor is installed on any PC where FieldGenius data needs to be sent to and from the field crews.

Once installed, each of these applications communicates via the Internet to the OfficeSync Gateway. The gateway is a central data repository located on a secure server administered by MicroSurvey Software. The gateway serves as stopover for data as it is uploaded and downloaded between the office and field crews. For more info on OfficeSync visit **www.officesync.com**

Testimonials

Read What Professionals in the Field Have to Say About FieldGenius

"In 2002, when we began using FieldGenius, it was such a solid, intuitive, productive tool, that I couldn't imagine at that time how it could be improved. However, it is apparent that the folks at MicroSurvey are striving for perfection, as the latest version shows. I'm skeptical that they can find a way to improve the current version!

We've tried other field software, sometimes at the request of a new employee that is familiar with one of the leading competitors, but once that person has 15 minutes with the FieldGenius program, they don't want to go back to what they were familiar with. It's just that easy to learn, yet powerful enough to do whatever we need it to, and more.

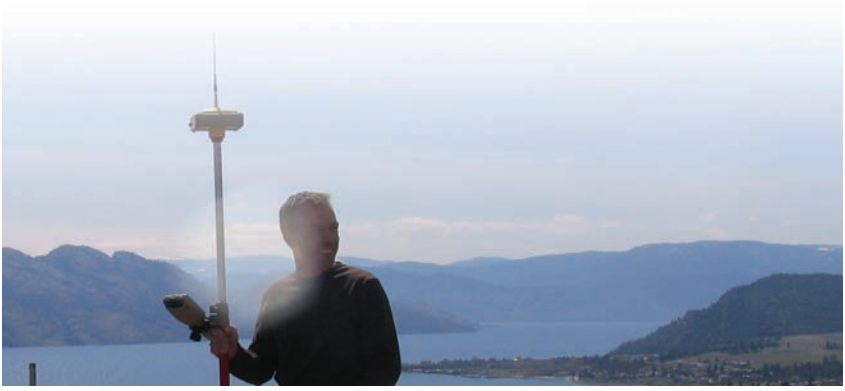
It seems that on a weekly basis, at least one member of our field crews can be overheard telling another person in the office about the amazingly cool feature that they just found in the program. We love it."

Matt Walters, PLS
Walters & Associates, LLC

"If you want to do a lot of field coding, go ahead and buy TDS or Carlson but if you want automatic field coding that requires no coding (other than tapping on an icon for lines, arcs or splines) then buy FieldGenius from MicroSurvey.

MicroSurvey FieldGenius has the most in-depth web site of anyone on the market. Their technical support response is almost instant. They have spent a lot of time and effort making training movies which are on-line and their user manual is the best on the market. Try finding that with TDS or Carlson."

John Roberson, RLS
Georgia



Pricing

MicroSurvey has the Most Competitive Pricing in the Industry.

FieldGenius Software Modules	
Standard	$995
Advanced (Adds Roading, Surfacing, Slope Staking)	$500
Robotic (Adds Support for Robotic Total Stations)	$500
RTK GPS (Adds Full RTK GPS Support)	$795
Premium (Includes all modules)	$2,195

Hardware Packages (Includes FieldGenius Standard)	
Nautiz X7 - GPS, Camera, Compass, 806MHz, VGA, Altimeter, WiFi, Bluetooth	$2,695
Nautiz X7 - 3G - GSM, 6 month OfficeSync®, GPS, Camera, Compass, 806MHz, VGA, Altimeter, WiFi, Bluetooth	$2,995
Nautiz X7 - GPS RTK, 3G - GSM, 6 month OfficeSync®, GPS, Camera, Compass, 806MHz, VGA, Altimeter, WiFi, Bluetooth, FieldGenius Premium	$3,995
Archer Field PC - 128/512, Color Screen, Bluetooth	$2,600
Allegro MX - 128/2GB, Color Screen, Bluetooth	$3,370

*Call for more Hardware and Software Package options.

FieldGenius Upgrades	
Upgrade from FieldGenius 2004, 2005, 2006 or 2008	$345
Upgrade from FieldGenius 1.0, 1.1, XG (1.5 or 2.0)	$445

Product Support	
Standard 90 days from date of purchase	FREE
Maintenance Support Plan (1 year)	$300
FieldGenius Training	$300/day

*All prices are in US Dollars and are subject to change without notice.

Desktop Software

Complete Desktop Survey and Design Programs

When you need a fully featured Desktop Survey Software Package, you now have two options for one competitive price. Every license key includes a copy MicroSurvey CAD and MicroSurvey inCAD. You can run on the included IntelliCAD 6.6 engine or run on the latest versions of AutoCAD® (2009 & 2010). You can have both versions installed on your machine, or you can move the key between machines with different versions installed. Our USB licensing system enables us to provide you with maximum flexibility.

Either way you choose to use it, you get complete Survey Drafting, COGO, DTM, Traversing, Volumes, Contouring and Data Collection interfacing. MicroSurvey Desktop Solutions are compatible with field data from all major total stations and data collectors.

For more details on MicroSurvey Desktop Software Solutions please visit **www.microsurvey.com**

"The combination of FieldGenius and MicroSurvey CAD gives me a complete software solution for surveying. The integration of the field and office software is unbeatable. Data processing is a breeze. From small stakeout jobs to large developments, MicroSurvey has me covered!"

Mark Cahill, BCLS
AllTerra Land Surveying & Geomatics

Support and Training

Industry Leading Support

MicroSurvey values and listens to its customers and we support what we build. MicroSurvey's technical support has been ranked number one by industry professionals and our customer service is world class.

- 90 Days FREE Support (from date of purchase).
- e-support Desk Available 24 x 7 Online with Extensive Knowledge Base and User Forums.
- Phone and Email Support Monday through Friday 8am to 5pm PST.
- Comprehensive Training Movies for the Beginner and Advanced User.
- Product Documentation, Software Updates, Service Packs, Tech Tips and the Latest News are Always Available at **www.microsurvey.com**.

Classroom Training

MicroSurvey offers classroom training to get your crews up to speed quickly. Sessions take place at our corporate headquarters and in other locations based on demand. Our state of the art training facility has been designed to accommodate students comfortably surrounded by the best technology available.

Why Training? At MicroSurvey we're interested in your company's efficiency. You and your staff will quickly become more productive after one of our training sessions. You will master simple to advanced survey software features. Become faster and more efficient in the field and in the office using FieldGenius. Visit **www.microsurvey.com/training** for more details and to view our current training schedule.

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